

TITLE

Method and Apparatus to Improve Capacity and Battery Life of an Ad Hoc
Network System using Sensor Management

Abstract of the Disclosure

5 A network having at least one communication device having at least one
sensor to process and manage sensor added information to adjust the state of the
communication device or to adjust capacity limitations of the network. The sensor
added information can be shared with other communication devices in the
network to improve network capacity and add master devices to the network if
needed to maximize the quality and efficiency of communications within the
network.